
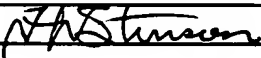


ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18


Stylesheet Version v18.0

Title of Invention	REGULATION OF FLOW OF PROCESSING CHEMISTRY ONLY INTO A PROCESSING CHAMBER						
<div>Application Number : 10/630640 </div> <div>Confirmation Number: 8274</div> <div>First Named Applicant: William Jones</div> <div>Attorney Docket Number:</div> <div>Art Unit:</div> <div>Examiner:</div> <div>Search string: (6333268).pn</div>							
<p>Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:</p> <p>That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.</p>							
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
PH	1	6333268	2001-12-25	Starov et al.	B1		
Signature							
Examiner Name				Date			
				6/11/05			

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Stylesheet Version v18.0

Title of Invention	REGULATION OF FLOW OF PROCESSING CHEMISTRY ONLY INTO A PROCESSING CHAMBER						
<div>Application Number : 10/630640 </div> <div>Confirmation Number: 8274</div> <div>First Named Applicant: William Jones</div> <div>Attorney Docket Number:</div> <div>Art Unit:</div> <div>Examiner:</div> <div>Search string: (20040134515).pn</div>							
<p>Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:</p> <p>That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.</p>							
US Published Applications							
Note: Applicant is not required to submit a paper copy of cited US Published Applications							
init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
<i>7/15</i>	1	20040134515	2004-07-15	Castrucci	A1		
Signature							
Examiner Name				Date			
<i>PhD Jones</i>				6/11/05			

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

REGULATION OF FLOW OF PROCESSING CHEMISTRY
ONLY INTO A PROCESSING CHAMBER

Application Number : 10/630640
Confirmation Number: 8274
First Named Applicant: William Jones
Attorney Docket Number:
Art Unit:
Examiner:
Search string: (4391511 or 6722642).pn



Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<i>JLS</i>	1	4391511	1983-07-05	Akiyama et al.			
<i>JLS</i>	2	6722642	2004-04-20	Sutton et al.	B1		

Signature

Examiner Name	Date
<i>John S. Sutton</i>	<i>6/1/05</i>

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

REGULATION OF FLOW OF PROCESSING CHEMISTRY
ONLY INTO A PROCESSING CHAMBER

Application Number : 10/630640
Confirmation Number: 8274
First Named Applicant: William Jones



Attorney Docket Number:

Art Unit:

Examiner:

Search string: (3689025 or 6109296 or 6465403 or 6508259 or 6509141 or 6635565 or 6641678
,pn

Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
7/5	1	3689025	1972-09-05	Kiser			
7/5	2	6109296	2000-08-29	Austin			
	3	6465403	2002-10-15	Skee	B1		
	4	6508259	2003-01-21	Tseronis et al.	B1		
	5	6509141	2003-01-21	Mullee	B2		
	6	6635565	2003-10-21	Wu et al.	B2		
7/5	7	6641678	2003-11-04	DeYoung et al.	B2		

Signature

Examiner Name	Date
<i>J. S. Kim</i>	6/11/05

FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: SSI-08200	Serial No.: 10/630,640
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary)				Applicant: William Dale Jones	
(37 CFR § 1.98(b))				Filing Date: July 29, 2003	Group Art Unit: 1744

U.S. PATENT DOCUMENTS							
Examiner Initials	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date	
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS								
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
JHS JHS	AK	JP 40 5283511 A	10/29/93	JP	H01L	21/68	X	
	AL	JP 2001-77074	03/23/01	JP	H01L	21/304	X	
	AM							
	AN							
	AO							

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)		
	AP	
	AQ	
	AR	
	AS	
	AT	
	AU	
	AV	
	AW	
	AX	
	AY	
	AZ	

Examiner: <i>JHS</i>	Date Considered: 6/11/05
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Electronic Version v18

Stylesheet Version v18.0

Title of Invention

REGULATION OF FLOW OF PROCESSING CHEMISTRY
ONLY INTO A PROCESSING CHAMBER

Application Number : 10/630640



Confirmation Number: 8274

First Named Applicant: William Jones

Attorney Docket Number:

Art Unit:

Examiner:

Search string: (3623627 or 4426358 or 4574184 or 5374829 or 5474410 or 5879459 or 6048494 or 6062853 or 6089377 or 6406782 or 20010050096).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
JWS	1	3623627	1969-08-22	Alan S. Bolton			
	2	4426358	1984-01-17	Johansson			
	3	4574184	1986-03-04	Wolf et al.			
	4	5374829	1994-12-20	Sakamoto et al.			
	5	5474410	1995-12-12	Ozawa et al.			
	6	5879459	1999-03-09	Gadgil et al.			
	7	6048494	2000-04-11	Annapragada			
	8	6062853	2000-05-16	Shimazu et al.			
	9	6089377	2000-07-18	Shimazu			
JWS	10	6406782	2000-06-18	Johnson et al.	B2		

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
JWS	1	20010050096	2001-12-13	Costantini et al.	A1		

Signature

6/14/05

Examiner Name

Date

FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: SSI-08200		Serial No.: 10/630,640	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (For Special Sheets If Necessary)				Applicants: William Dale Jones			
(37 CFR § 1.98(b))				Filing Date: July 29, 2003		Group Art Unit: 1744	

U.S. PATENT DOCUMENTS							
Examiner Initials	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date	
NHS	AA	6,021,791	Dryer et al.	134	100.1	06/29/98	
	AB	6,537,916 B2	Mullee et al.	438	692	10/18/01	
	AC	6,764,552 B1	Joyce et al.	134	3	11/21/02	
	AD	2002/0164873 A1	Masuda et al.	438	689	02/08/02	
	AE	2003/0106573 A1	Masuda et al.	134	26	05/23/02	
	AF	2003/0125225 A1	Xu et al.	510	175	11/25/02	
	AG	2003/0217764 A1	Masuda et al.	134	26	11/27/03	
	AH	2004/0087457 A1	Korzenski et al.	510	177	10/31/02	
	AI	2004/0177867 A1	Schilling	134	26	05/20/03	
	AJ	2004/0103922 A1	Inoue et al.	134	26	11/21/02	
NHS	AK	2004/0112409 A1	Schilling	134	26	12/16/02	

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS								
Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation			
					Yes	No		
AL	WO 01/33613 A2	05/10/01	PCT	H01L	21/00	X		
AM								
AN								
AO								
AP								

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)	
AQ	
AR	
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AV	
AW	
AX	
AY	
AZ	
BA	
BB	
BC	
BD	
BE	

Examiner: <u>NHS</u>	Date Considered: <u>6/11/05</u>
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EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

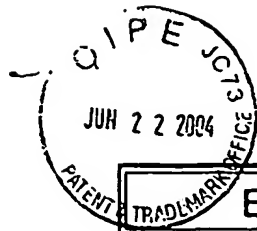
FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: SSI-08200		Serial No.: 10/630,640	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary)				Applicants: William D. Jones		Group Art Unit: 1744	
(37 CFR § 1.98(b))				Filing Date: July 29, 2003			

U.S. PATENT DOCUMENTS						
Examiner Initials	Serial/Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
	AA					
	AB					
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	AH					
	AI					
	AJ					
	AK					
	AL					
	AM					
	AN					
	AO					
	AP					

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS								
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
7/15	AQ	JP 8-206485	08/13/96	JP	B01J	3/06		X
	AR							
	AS							

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)		
	AT	
	AU	
	AV	
	AW	
	AX	
	AY	
	AZ	


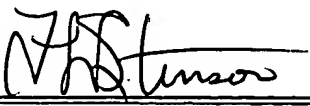
Examiner: <i>W.D. Jones</i>	Date Considered: 6/11/05
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



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Electronic Version v18

Stylesheet Version v18.0

Title of Invention	REGULATION OF FLOW OF PROCESSING CHEMISTRY ONLY INTO A PROCESSING CHAMBER						
Application Number: 10/630640							
Confirmation Number: 8274							
First Named Applicant: William Jones							
Attorney Docket Number:							
Search string: (5186594 or 5769588 or 5906866 or 5975492 or 6122566 or 6355072 or 6454519 or 20030205510 or 20040020518).pn.							
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
US	1	5186594	1993-02-16	Toshima et al.			
	2	5769588	1998-06-23	Toshima et al.			
	3	5906866	1999-05-25	Webb			
	4	5975492	1999-11-02	Brenes			
	5	6122566	2000-09-19	Nguyen et al.			
	6	6355072	2002-03-12	Racette et al.	B1		
US	7	6454519	2002-09-24	Toshima et al.	B1		
US Published Applications							
Note: Applicant is not required to submit a paper copy of cited US Published Applications							
init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
US	1	20030205510	2003-11-06	Jackson	A1		
US	2	20040020518	2004-05-02	DeYoung et al.	A1		
Signature 				6/11/05			
Examiner Name				Date			

FORM PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No.: SSI-08200

Serial No.: 10/630,640

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use Several Sheets If Necessary)

Applicant: William Dale Jones

Filing Date: July 29, 2003

Group Art Unit: 1744

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

	Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
						Yes	No
	CN 1399790 A	02/26/03	China	H01L	21/00		X
AB	DE 36 08 783 A1	09/17/87	Germany	C30B	25/12		X
AC	DE 39 04 514 C2	08/23/90	Germany	D 06 L	1/00		X
AD	DE 39 06 724 C2	09/13/90	Germany	D 06 P	1/90		X
AE	DE 39 06 735 C2	09/06/90	Germany	D 06 L	3/00		X
AF	DE 39 06 737 A1	09/13/90	Germany	D 06 M	11/59		X
AG	DE 40 04 111 C2	08/23/90	Germany	D 06 L	1/00		X
AH	DE 43 44 021 A1	06/29/95	Germany	D 06 P	1/16		X
AI	DE 44 29 470 A1	03/02/95	Germany	D 06 P	5/04		X
AJ	DE 198 60 084 A1	07/06/00	Germany	H01L	21/3213		X
AK	EP 0 244 951 A2	11/11/87	EPO	H01L	21/00		X
AL	EP 0 272 141 A2	06/22/88	EPO	H01L	21/00		X
AM	EP 0 283 740 A2	09/28/88	EPO	C22B	3/00		X
AN	EP 0 302 345 A2	02/08/89	EPO	C22B	3/00		X
AO	EP 0 370 233 A1	05/30/90	EPO	C22B	3/00		X
AP	EP 0 391 035 A2	10/10/90	EPO	C23G	5/00		X
AQ	EP 0 453 867 A1	10/30/91	EPO	F16K	51/02		X
AR	EP 0 518 653 B1	12/16/92	EPO	D 06 L	1/02		X
AS	EP 0 536 752 A2	04/14/93	EPO	C 11 D	3/20		X
AT	EP 0 572 913 A1	12/08/93	EPO	B01D	11/02		X
AU	EP 0 587 168 A1	03/16/94	EPO	B08B	7/00		X
AV	EP 0 620 270 A3	10/19/94	EPO	C11D	7/50		X
AW	EP 0 679 753 B1	11/02/95	EPO	D06F	43/00		X
AX	EP 0 711 864 B1	05/15/96	EPO	D06G	1/00		X
AY	EP 0 726 099 A2	08/14/96	EPO	B08B	5/00		X
AZ	EP 0 727 711 A2	08/21/96	EPO	G 03 F	7/004		X
BA	EP 0 822 583 A2	02/04/98	EPO	H01L	21/306		X
BB	EP 0 829 312 A2	03/18/98	EPO	B 08 B	3/08		X
BC	EP 0 836 895 A2	04/22/98	EPO	B08B	7/00		X
BD	EP 0 903 775 A2	03/24/99	EPO	H01L	21/00		X
BE	FR 1.499.491	09/18/67	France	F16K			X
BF	GB 2 003 975	03/21/79	Great Britain	F04B	43/06		X
BG	GB 2 193 482	02/10/88	Great Britain	B25J	18/02		X
BH	JP 1-045131	02/17/89	Japan	B01D	011/04		X

Examiner: *JHS*

Date Considered: 6/11/05

EXAMINER:

Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)		JAN 16 2004 U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: SSI-08200		Serial No.: 10/630,640		
INFORMATION ON DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary)				Applicant: William Dale Jones				
(37 CFR § 1.98(h))				Filing Date: July 29, 2003		Group Art Unit: 1744		
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS								
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
7/28	BI	JP 1-246835	10/02/89	Japan	H 01 L	21/304		X
	BJ	JP 2-148841	06/07/90	Japan	H01L	21/306		X
	BK	JP 2-209729	8/21/90	Japan	H 01 L	21/302		X
	BL	JP 2-304941	12/18/90	Japan	H01L	21/56		X
	BM	JP 7-142333	06/02/95	Japan	H01L	021/027		X
	BN	JP 8-186140	07/16/96	Japan	H01L	21/56		X
	BO	JP 8-222508	08/30/96	Japan	H01L	021/027		X
	BP	JP 10-144757	05/29/98	Japan	H01L	21/68		X
	BQ	JP 10-335408	12/18/98	Japan	H01L	21/31	X	
	BR	JP 11-200035	07/27/99	Japan	C23C	14/34		X
	BS	JP 56-142629	11/07/81	Japan	H01L	21/205		X
	BT	JP 60-192333	09/30/85	Japan	H01L	21/30		X
	BU	JP 60-238479	11/27/85	Japan	C23C	14/56		X
	BV	JP 60-246635	12/06/85	Japan	H01L	21/302		X
	BW	JP 61-231166	10/15/86	Japan	C23C	14/24		X
	BX	JP 62-125619	06/06/87	Japan	H01L	21/30		X
	BY	JP 63-303059	12/09/88	Japan	C23C	14/22		X
	BZ	2000/106358	04/11/00	Japan	H01L	21/3065		X
	CA	SE 251213	08/16/48	Swiss	100a			X
	CB	WO 87/07309	12/03/87	PCT	C23C	16/00		X
	CC	WO 90/06189	06/14/90	PCT	B08B	7/00		X
	CD	WO 90/13675	11/15/90	PCT	C22B	3/00		X
	CE	WO 91/12629	08/22/91	PCT	H01L	21/00		X
	CF	WO 93/14255	07/22/93	PCT	D06B	5/16		X
	CG	WO 93/14259	07/22/93	PCT	D06M	11/76		X
	CH	WO 93/20116	10/14/93	PCT	C08F	14/18		X
	CI	WO 96/27704	09/12/96	PCT	D06L	1/00		X
	CJ	WO 99/18603	04/15/99	PCT	H 01L	21/00		X
CK	WO 99/49998	10/07/99	PCT	B08B	5/00		X	
CL	WO 00/36635	06/22/00	PCT	H01L	21/00		X	
CM	WO 00/73241 A1	12/07/00	PCT	C04B	35/622		X	
CN	WO 01/10733 A1	2/15/01	PCT	B65D	55/00		X	
CO	WO 01/33615 A3	5/10/01	PCT	H01L	21/00		X	
CP	WO 01/55628 A1	08/02/01	PCT	F16K	51/02		X	
CQ	WO 01/68279 A2	09/20/01	PCT	B08B	7/00		X	
CR	WO 01/74538 A1	10/11/01	PCT	B24C	1/00		X	
Examiner: <i>JH Stinson</i>				Date Considered: 6/11/05				
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

FORM PTO-1449 (Modified)		JAN 16 2004 U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: SSI-08200	Serial No.: 10/630,640
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary)				Applicant: William Dale Jones	
(37 CFR § 1.98(b))				Filing Date: July 29, 2003	Group Art Unit: 1744

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS								
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
JWS	CS	WO 01/78911 A1	10/25/01	PCT	B08B	3/00		X
	CT	WO 01/85391 A2	11/15/01	PCT	B24B			X
	CU	WO 01/94782 A3	12/13/01	PCT	F04B	43/02		X
	CV	WO 02/09894 A2	02/07/02	PCT	B08B			X
	CW	WO 02/11191 A2	02/07/02	PCT	H01L	21/00		X
	CX	WO 02/16051 A2	02/28/02	PCT	B05D			X
JWS	CY	WO 03/030219 A2	10/04/03	PCT	H01L			X


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JWS	CZ	J.B. Rubin et al. "A Comparison of Chilled DI Water/Ozone and Co ₂ -Based Supercritical Fluids as Replacements for Photoresist-Stripping Solvents", IEEE/CPMT Int'l Electronics Manufacturing Technology Symposium, 1998, pp. 308-314.
	DA	"Los Alamos National Laboratory," Solid State Technology, pp. S10 & S14, October 1998.
	DB	"Supercritical Carbon Dioxide Resist Remover, SCORR, the Path to Least Photoresistance," Los Alamos National Laboratory, 1998.
	DC	Guan, Z. et al., "Fluorocarbon-Based Heterophase Polymeric Materials. 1. Block Copolymer Surfactants for Carbon Dioxide Applications," Macromolecules, Vol. 27, 1994, pp 5527-5532.
	DD	International Journal of Environmentally Conscious Design & Manufacturing, Vol. 2, No. 1, 1993, p. 83.
	DE	Matson and Smith "Supercritical Fluids", Journal of the American Ceramic Society, Vol. 72, No. 6, pp. 872-874.
	DF	Ziger, D.H. et al., "Compressed Fluid Technology: Application to RIE Developed Resists," AIChE Journal, Vol. 33, No. 10, October 1987, pp 1585-1591.
	DG	Kirk-Othmer, "Alcohol Fuels to Toxicology," Encyclopedia of Chemical Terminology, 3rd ed., Supplement Volume, New York: John Wiley & Sons, 1984, pp. 872-893.
	DH	"Cleaning with Supercritical CO ₂ ," NASA Tech Briefs, MFS-29611, Marshall Space Flight Center, Alabama, March 1979.
	DI	Basta, N., "Supercritical Fluids: Still Seeking Acceptance," Chemical Engineering, Vol. 92, No. 3, 2/24/85, p. 14.
	DJ	Takahashi, D., "Los Alamos Lab Finds Way to Cut Chip Toxic Waste," Wall Street Journal, June 22, 1998.
	DK	"Supercritical CO ₂ Process Offers Less Mess from Semiconductor Plants", Chemical Engineering Magazine, pp. 27 & 29, July 1998.
	DL	Sun, Y.P. et al., "Preparation of Polymer-Protected Semiconductor Nanoparticles Through the Rapid Expansion of Supercritical Fluid Solution," Chemical Physics Letters, pp. 585-588, May 22, 1998.
	DM	Jackson, K. et al., "Surfactants and Micromulsions in Supercritical Fluids," Supercritical Fluid Cleaning. Noyes Publications, Westwood, NJ, pp. 87-120, Spring 1998.
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Examiner: <i>JWS</i>	Date Considered: 6/11/05
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EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: SSI-08200	Serial No.: 10/630,640
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Separate Sheets If Necessary) (37 CFR § 1.98(h))				Applicant: William Dale Jones	
				Filing Date: July 29, 2003	Group Art Unit: 1744
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<div style="display: flex; justify-content: space-between;"><div><p>Application Number: 10/630640</p><p>Confirmation Number: 8274</p><p>First Named Applicant: William Jones</p><p>Attorney Docket Number:</p><p>Search string: (5304515 or 5306350 or 5312882 or 5313965 or 5314574 or 5316591 or 5320742 or 5328722 or 5334332 or 5334493 or 5337446 or 5339844 or 5352327 or 5355901 or 5356538 or 5364497 or 5368171 or 5370740 or 5370741 or 5370742 or 5377705 or 5401322 or 5403621 or 5403665 or 5404894 or 5412958 or 5417768 or 5433334 or 5447294 or 5456759 or 5470393 or 5474812 or 5482564 or 5486212 or 5494526 or 5500081 or 5501761 or 5503176 or 5505219 or 5509431 or 5514220 or 5522938 or 5526834 or 5533538 or 5547774 or 5550211 or 5571330 or 5580846 or 5589082 or 5589105).pn.</p></div><div style="text-align: right;"></div></div>																																																																																													
<h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/></td><td>1</td><td>5304515</td><td>1994-04-19</td><td>Morita et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>2</td><td>5306350</td><td>1994-04-26</td><td>Hoy et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>3</td><td>5312882</td><td>1994-05-17</td><td>DeSimone et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>4</td><td>5313965</td><td>1994-05-24</td><td>Palen</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>5</td><td>5314574</td><td>1994-05-24</td><td>Takahashi</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>6</td><td>5316591</td><td>1994-05-31</td><td>Chao et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>7</td><td>5320742</td><td>1994-06-14</td><td>Fletcher et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>8</td><td>5328722</td><td>1994-07-12</td><td>Ghanayem et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>9</td><td>5334332</td><td>1994-08-02</td><td>Lee</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>10</td><td>5334493</td><td>1994-08-02</td><td>Fujita et al.</td><td></td><td></td><td></td></tr></tbody></table>						init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	<input checked="" type="checkbox"/>	1	5304515	1994-04-19	Morita et al.				<input checked="" type="checkbox"/>	2	5306350	1994-04-26	Hoy et al.				<input checked="" type="checkbox"/>	3	5312882	1994-05-17	DeSimone et al.				<input checked="" type="checkbox"/>	4	5313965	1994-05-24	Palen				<input checked="" type="checkbox"/>	5	5314574	1994-05-24	Takahashi				<input checked="" type="checkbox"/>	6	5316591	1994-05-31	Chao et al.				<input checked="" type="checkbox"/>	7	5320742	1994-06-14	Fletcher et al.				<input checked="" type="checkbox"/>	8	5328722	1994-07-12	Ghanayem et al.				<input checked="" type="checkbox"/>	9	5334332	1994-08-02	Lee				<input checked="" type="checkbox"/>	10	5334493	1994-08-02	Fujita et al.			
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11	5337446	1994-08-16	Smith et al.
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Remarks

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Examiner Name	Date

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Application Number: 10/630640



Confirmation Number: 8274

First Named Applicant: William Jones

Attorney Docket Number:

Search string: (5904737 or 5908510 or 5928389 or 5932100
or 5934856 or 5934991 or 5944996 or 5955140
or 5965025 or 5976264 or 5979306 or 5980648
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Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 7 out of a total of 7 electronic filings.

Signature

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6/11/05

Examiner Name	Date



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of
Invention

REGULATION OF FLOW OF PROCESSING CHEMISTRY
ONLY INTO A PROCESSING CHAMBER

Application Number: 10/630640



Confirmation Number: 8274

First Named Applicant: William Jones

Attorney Docket Number:

Search string: (5589224 or 5621982 or 5629918 or 5632847
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or 5888050 or 5893756 or 5896870 or 5898727
or 5900107 or 5900354).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
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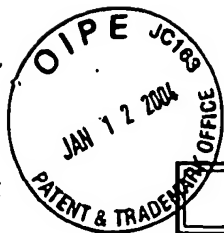
Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 4 out of a total of 7 electronic filings.

Signature

JH Stone

6/11/95


Examiner Name	Date



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	REGULATION OF FLOW OF PROCESSING CHEMISTRY ONLY INTO A PROCESSING CHAMBER						
Application Number:		10/630640					
Confirmation Number:		8274					
First Named Applicant:		William Jones					
Attorney Docket Number:							
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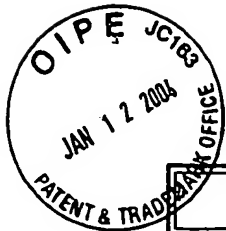
Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 2 out of a total of 7 electronic filings.

Signature

Examiner Name	Date
<i>John Doe</i>	<i>4/1/95</i>



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	REGULATION OF FLOW OF PROCESSING CHEMISTRY ONLY INTO A PROCESSING CHAMBER																																																																																													
<p>Application Number: 10/630640</p> <p>Confirmation Number: 8274</p> <p>First Named Applicant: William Jones</p> <p>Attorney Docket Number:</p> <p>Search string: (6232238 or 6232417 or 6235634 or 6239038 or 6241825 or 6242165 or 6244121 or 6251250 or 6255732 or 6270531 or 6270948 or 6277753 or 6284558 or 6286231 or 6305677 or 6306564 or 6319858 or 6331487 or 6334266 or 6344174 or 6344243 or 6358673 or 6361696 or 6367491 or 6380105 or 6388317 or 6389677 or 6418956 or 6425956 or 6436824 or 6454945 or 6458494 or 6461967 or 6464790 or 6485895 or 6486078 or 6486282 or 6492090 or 6500605 or 6521466 or 6541278 or 6546946 or 6550484 or 6558475 or 6561213 or 6561220 or 6561481 or 6561767 or 6562146 or 6564826).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>1</td><td>1</td><td>6232238</td><td>2001-05-15</td><td>Chang et al.</td><td>B1</td><td></td><td></td></tr><tr><td>2</td><td>2</td><td>6232417</td><td>2001-05-15</td><td>Rhodes et al.</td><td>B1</td><td></td><td></td></tr><tr><td>3</td><td>3</td><td>6235634</td><td>2001-05-22</td><td>White et al.</td><td>B1</td><td></td><td></td></tr><tr><td>4</td><td>4</td><td>6239038</td><td>2001-05-29</td><td>Wen</td><td>B1</td><td></td><td></td></tr><tr><td>5</td><td>5</td><td>6241825</td><td>2001-06-05</td><td>Wytman</td><td>B1</td><td></td><td></td></tr><tr><td>6</td><td>6</td><td>6242165</td><td>2001-06-05</td><td>Vaartstra</td><td>B1</td><td></td><td></td></tr><tr><td>7</td><td>7</td><td>6244121</td><td>2001-06-12</td><td>Hunter</td><td>B1</td><td></td><td></td></tr><tr><td>8</td><td>8</td><td>6251250</td><td>2001-06-26</td><td>Keigler</td><td>B1</td><td></td><td></td></tr><tr><td>9</td><td>9</td><td>6255732</td><td>2001-07-03</td><td>Yokoyama et al.</td><td>B1</td><td></td><td></td></tr><tr><td>10</td><td>10</td><td>6270531</td><td>2001-08-07</td><td>DeYoung et al.</td><td>B1</td><td></td><td></td></tr></tbody></table>							init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	1	1	6232238	2001-05-15	Chang et al.	B1			2	2	6232417	2001-05-15	Rhodes et al.	B1			3	3	6235634	2001-05-22	White et al.	B1			4	4	6239038	2001-05-29	Wen	B1			5	5	6241825	2001-06-05	Wytman	B1			6	6	6242165	2001-06-05	Vaartstra	B1			7	7	6244121	2001-06-12	Hunter	B1			8	8	6251250	2001-06-26	Keigler	B1			9	9	6255732	2001-07-03	Yokoyama et al.	B1			10	10	6270531	2001-08-07	DeYoung et al.	B1		
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Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 6 out of a total of 7 electronic filings.

Signature

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Examiner Name	Date

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of
InventionREGULATION OF FLOW OF PROCESSING CHEMISTRY ONLY INTO A
PROCESSING CHAMBER

Application Number: 10/630640

10/630640

Confirmation Number: 8274

First Named Applicant: William Jones

Attorney Docket Number:

Search string: (5904737 or 5908510 or 5928389 or 5932100 or 5934856 or
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6203582 or 6216364 or 6224774 or 6228563 or 6228826),pn.

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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Remarks

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Signature

Examiner Name

Date

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	REGULATION OF FLOW OF PROCESSING CHEMISTRY ONLY INTO A PROCESSING CHAMBER
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Application Number: 10/630640 *10/630640*

Confirmation Number: 8274

First Named Applicant: William Jones

Attorney Docket Number:

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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

Int.	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
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Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal.
The current electronic filing contains part 4 out of a total of 7 electronic filings.

Signature

[Signature] 6/11/05

Examiner Name	Date

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of
InventionREGULATION OF FLOW OF PROCESSING CHEMISTRY ONLY INTO A
PROCESSING CHAMBER

Application Number: 10/630640

10/630640

Confirmation Number: 8274

First Named Applicant: William Jones

Attorney Docket Number:

Search string: (S044871 or S062770 or S068040 or S071485 or S105556 or
S143103 or S158704 or S167716 or S169296 or S169408 or
S174917 or S185058 or S185296 or S186718 or S188515 or
S190373 or S191993 or S193560 or S195878 or S196134 or
S201960 or S213485 or S213619 or S215592 or S217043 or
S221019 or S222876 or S224504 or S225173 or S236602 or
S236669 or S237824 or S238671 or S240390 or S243821 or
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S267455 or S269815 or S269850 or S274129 or S280693 or
S283552 or S288333 or S290361 or S294261 or S298032).pn.

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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	3	S068040	1991-11-26	Jackson			
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Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal.
The current electronic filing contains part 2 out of a total of 7 electronic filings.

Signature

Examiner Name

Date

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
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Title of
Invention

REGULATION OF FLOW OF PROCESSING CHEMISTRY ONLY INTO A
PROCESSING CHAMBER

Application Number: 10/630640

10/630640

Confirmation Number: 8274

First Named Applicant: William Jones

Attorney Docket Number:

Search string:
(5304515 or 5306350 or 5312882 or 5313965 or 5314574 or
5316591 or 5320742 or 5328722 or 5334332 or 5334493 or
5337446 or 5339844 or 5352327 or 5355901 or 5356538 or
5364497 or 5368171 or 5370740 or 5370741 or 5370742 or
5377705 or 5401322 or 5403621 or 5403665 or 5404894 or
5412958 or 5417768 or 5433334 or 5447294 or 5456759 or
5470393 or 5474812 or 5482564 or 5486212 or 5494526 or
5500081 or 5501761 or 5503176 or 5505219 or 5509431 or
5514220 or 5522938 or 5526834 or 5533538 or 5547774 or
5550211 or 5571330 or 5580846 or 5589082 or 5589105),pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal.
The current electronic filing contains part 3 out of a total of 7 electronic filings.

Signature

Examiner Name

Date

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v1.8

Stylesheet Version v1.8.0

Title of
InventionREGULATION OF FLOW OF PROCESSING CHEMISTRY ONLY INTO A
PROCESSING CHAMBER

Application Number: 10/630640

10/630640

Confirmation Number: 8274

First Named Applicant: William Jones

Attorney Docket Number:

Search string: (2439689 or 2617719 or 2625886 or 3744660 or 3890176 or 3900551 or 3968885 or 4029517 or 4091643 or 4219333 or 4245154 or 4341592 or 4349415 or 4355937 or 4367140 or 4406596 or 4422651 or 4474199 or 4475993 or 4522788 or 4549467 or 4592306 or 4601181 or 4626509 or 4670126 or 4682937 or 4693777 or 4749440 or 4778356 or 4788043 or 4789077 or 4823976 or 4825808 or 4827867 or 4838476 or 485061 or 4877530 or 4879004 or 4879431 or 4917556 or 4923828 or 4924892 or 4925790 or 4933404 or 4944837 or 4951601 or 4960140 or 4983223 or 5011542 or 5013366).pn.

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal.
The current electronic filing contains part 1 out of a total of 7 electronic filings.

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Examiner Name

Date

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v1.8

Stylesheet Version v1.8.0

Title of Invention	REGULATION OF FLOW OF PROCESSING CHEMISTRY ONLY INTO A PROCESSING CHAMBER						
Application Number:	10/630640 *10/630640*						
Confirmation Number:	8274						
First Named Applicant:	William Jones						
Attorney Docket Number:							
Search string:	(5185594 or 5769588 or 5906866 or 5975492 or 6122566 or 6355072 or 6454519 or 20030205510 or 20040020518).pn.						
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
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Signature

Examiner Name	Date
<i>[Signature]</i>	6/11/05

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v1.8

Stylesheet Version v1.8.0

Title of Invention	REGULATION OF FLOW OF PROCESSING CHEMISTRY ONLY INTO A PROCESSING CHAMBER																																																																																								
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<table border="1"><thead><tr><th>Init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>3623627</td><td>1969-08-22</td><td>Alan S. Bolton</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>4426358</td><td>1984-01-17</td><td>Johansson</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>4574184</td><td>1986-03-04</td><td>Wolf et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>5374829</td><td>1994-12-20</td><td>Sakamoto et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>5474410</td><td>1995-12-12</td><td>Ozawa et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>5879459</td><td>1999-03-09</td><td>Cadgil et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>7</td><td>6048494</td><td>2000-04-11</td><td>Annappagada</td><td></td><td></td><td></td></tr><tr><td></td><td>8</td><td>6062853</td><td>2000-05-16</td><td>Shimazu et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>9</td><td>6089377</td><td>2000-07-18</td><td>Shimazu</td><td></td><td></td><td></td></tr><tr><td></td><td>10</td><td>6406782</td><td>2000-06-18</td><td>Johnson et al.</td><td>B2</td><td></td><td></td></tr></tbody></table>	Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	3623627	1969-08-22	Alan S. Bolton					2	4426358	1984-01-17	Johansson					3	4574184	1986-03-04	Wolf et al.					4	5374829	1994-12-20	Sakamoto et al.					5	5474410	1995-12-12	Ozawa et al.					6	5879459	1999-03-09	Cadgil et al.					7	6048494	2000-04-11	Annappagada					8	6062853	2000-05-16	Shimazu et al.					9	6089377	2000-07-18	Shimazu					10	6406782	2000-06-18	Johnson et al.	B2			
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Note: Applicant is not required to submit a paper copy of cited US Published Applications																																																																																									

Init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20010050096	2001-12-13	Costantini et al.	A1		

Signature

Examiner Name	Date
<i>[Signature]</i>	6/16/05

JAN 16 2005

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

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Title of
InventionREGULATION OF FLOW OF PROCESSING CHEMISTRY ONLY INTO A
PROCESSING CHAMBER

Application Number: 10/630640

10/630640

Confirmation Number: 8274

First Named Applicant: William Jones

Attorney Docket Number:

Search string: (6232238 or 6232417 or 6235634 or 6239038 or 6241825 or
6242165 or 6244121 or 6251250 or 6255732 or 6270531 or
6270948 or 6277753 or 6284558 or 6286231 or 6305677 or
6308584 or 6319858 or 6331487 or 6334266 or 6344174 or
6344243 or 6358673 or 6361696 or 6367491 or 6380105 or
6388317 or 6389677 or 6418956 or 6425956 or 6436824 or
6454945 or 6458494 or 6461967 or 6464790 or 6485895 or
6486078 or 6488282 or 6492090 or 6500605 or 6521466 or
6541278 or 6546946 or 6550484 or 6558475 or 6561213 or
6561220 or 6561481 or 6561767 or 6562146 or 6564826).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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Remarks

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Signature

JH Stinson

6/11/05

Examiner Name

Date

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

JAN 16 2004

Title of Invention: REGULATION OF FLOW OF PROCESSING CHEMISTRY ONLY INTO A PROCESSING C

Application Number: 10/630640 ***10/630640***
Confirmation Number: 8274
First Named Applicant: William Jones
Attorney Docket Number:
Search string: (5672204 or 5817178 or 5508259 or 20010019857 or 20010024247 or 20010041455 or 20010041458 or 20020001929 or 20020055323 or 20020074289 or 20020081533 or 20020084777 or 20020098680 or 20020106867 or 20020112740 or 20020112746 or 20020115022 or 20020117391 or 20020123229 or 20020127844 or 20020132192 or 20020141925 or 20020142595 or 20020150522 or 20030003762 or 20030008238 or 20030008518 or 20030013311 or 20030016023 or 20030047533).pn.

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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Remarks

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The current electronic filing contains part 7 out of a total of 7 electronic filings.

Signature *William Jones* 6/11/05

Examiner Name	Date

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